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**BRUSCHKE & RICKE,**  
Fine and Medium Furniture Frames,  
257 DIVISION STREET,  
CHICAGO.

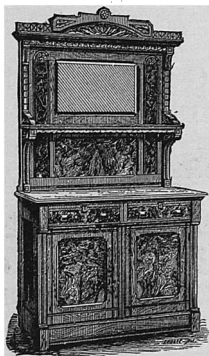
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**Williamsport Furniture M'fac'g Co.**  
(LIMITED).

WILLIAMSPORT, PA.

Branch Store, 121 North Second St., Philadelphia, Pa.  
MANUFACTURERS OF

Walnut, Imitation Mahogany, Ash,

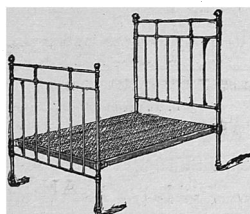


Oak, Maple and Cottage Furniture.

FINISHED AND IN THE WHITE.

CATALOGUE AND PRICE LIST FURNISHED TO DEALERS ON APPLICATION

**ROBERT KELSO & CO.**  
Manufacturers of



**Plain and Ornamental Iron Bedsteads**  
For Hospitals and Private Use. The best, most durable, and comfortable spring mattress in use. Brass Bedsteads, Hair Mattresses, Cotton and Husk Mattresses, Feather Beds, Pillows, etc.  
Warerooms, No. 639 Arch St., Phila.

**HOLMES**  
**ELECTRIC HOUSE BURGLAR ALARMS,**  
Electric House and Hotel Annunciators.  
Electric Calls and Signals for every purpose; Gas Lighting by Electricity; Electric Work of all kinds promptly and carefully attended to. Twenty years practical experience.  
Holmes Burglar Alarm Telegraph Co.  
518 BROADWAY, NEW YORK.

**Wood Mosaic Veneers for Inlaid Work**

ON FURNITURE, CABINET DECORATIONS,  
AND EXQUISITE BIJOU WORK.

MESST. NAUMANN & FLEISCHMAN, Sole Agents for the United States and Canada, would call the attention of Manufacturers of Fine Furniture for artistic effect, that they are in receipt of the hand-somest designs in the above goods ever shown in this market.

WE INVITE AN INSPECTION.

**NAUMANN & FLEISCHMAN,**

No. 6 West Fourteenth Street, Room 4,  
NEW YORK.

An experienced Carver, who has taught the art and worked for the most prominent Furniture Manufacturers in the country, is open for an engagement.

Address,

CARVER, this Office.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

**HINTS AND NOTIONS.**

Careless or thoughtless people frequently annoy good housekeepers by leaning their heads against the papered wall, thereby leaving unsightly spots. These may be removed by making a paste of cold water and pipe clay or Fuller's earth and laying it on the surface without rubbing it on, else the pattern of the paper will be injured. Leave the paste on all night. In the morning it can be brushed off and the spot will have disappeared, unless it is old, when the application must be renewed.

A patent has been taken out in Austria for covering the sides of iron ships with a coating of glazed earthenware plates. Due allowance is made for the strain on ships sides by filling the joints with an elastic material. The matter is very theoretical at present, but if practical would be of great advantage.

Zinc wall coverings. The *Illustrirte Zeitung für die Industrie* remarks that at Aix-la-Chapelle there are many walls of houses protected against the weather with zinc coverings, while the use of that metal for roofing purposes would seem to be of limited extent in that part of Germany.

Paint on clothing may be removed by using equal parts of turpentine and spirits of ammonia. Saturate the spot with the liquid two or three times until the paint is soft and then wash out with soap.

Snow on roofs may be prevented filling the gutters by placing small stools or benches along in the gutters upon which the snow will lodge, thus leaving a clear space below for the water to run off.

Flies may be driven and kept away by using laurel oil freely. It will also preserve looking glasses and picture frames when coated with it.

Ink spots on floor may be removed by rubbing with sand wet in oil of vitriol and water; when the ink is removed rinse with pearl-ash water.

To cool rooms, open the windows and hang in them wet cloths. The vaporizing makes the temperature cooler and pleasanter.

A useful cement may be made of alum and plaster of Paris well mixed with water and used in a liquid state.

Chalk drawings may be fixed by drawing through weak solution of isinglass. When evenly and carefully wetted hang up to dry.

Gilded Venetian glass is popular for table use.

**BICKELHOUP'S**  
**METALLIC SKYLIGHTS.**

Are the Cheapest and Best.



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Manufactured solely by  
**BICKELHOUP BROS.,**  
218 West 37th St., New York.

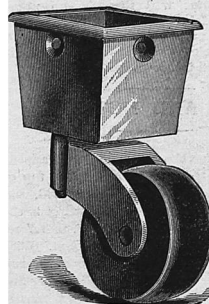
**PROF. RUPERT SCHMID,**  
**ARTIST OF SCULPTURE**

Portrait Busts and Medallion Reliefs from Life,  
Photograph and Dead Masks.

Academy of Sculpture open and instruction given daily from 8 to 7 p.m.

**STUDIO AND FINE ART ROOMS,**  
23 East Seventh Street, New York.

**JOHN TOLER, SONS & Co.,**  
MANUFACTURERS OF  
**Fine Furniture Casters.**



We are making all kinds and sizes, from the ordinary

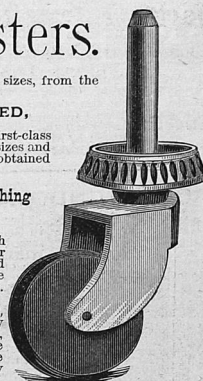
PLATE AND BED,

Up to the finest kinds used on First-class Furniture. Over seven hundred sizes and kinds of these Goods can be obtained through the

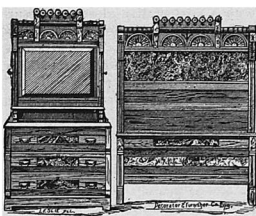
Principal Cabinet Furnishing Houses

In the States, arrangements with whom enable them to sell at our lowest prices. Special sizes and designs will be gotten up for the accommodation of our customers.

Wheels may be made of leather, especially adapted to marquetry floors, as noiseless as soft rubber, and, unlike rubber, will not lose their elasticity for years. We have known them to wear for thirty years.



108 to 118 ADAMS STREET,  
NEWARK, N. J.



**LAW BROTHERS,**

MANUFACTURERS OF

**CHAMBER FURNITURE.**

Sideboards and Chiffoniers,

103 HAVERHILL STREET,

BOSTON.

ESTABLISHED 1824.

**CHARLES H. GILLESPIE,**

Successor to PARKER & GILLESPIE,

MAKER OF THE FINEST GRADES OF

**Varnishes and Hard Oil Finish**

FOR

**ARTISTIC CABINET WORK,**

554 TO 562 WEST TWENTY-FIFTH STREET,

Correspondence Solicited.

**NEW YORK.**

**A. HAMMACHER & CO.,**  
209 BOWERY, NEW YORK,

Importers and Jobbers of

**UPHOLSTERY GOODS,**

Invite attention to their extensive line of

PLAIN AND EMBOSSED

Silk and Mohair Plushes,

And a large variety of

**FURNITURE COVERINGS**

And Trimmings.

SILK AND COTTON VELVETS.

CABINET CLOTH AND FELT.

AGENTS FOR PAWTUCKET HAIR CLOTH.

MANUFACTURERS OF STEEL FURNITURE SPRINGS.

A COMPLETE ASSORTMENT OF

**CABINET HARDWARE,**

Including all the Specialties in that line.

A Large Variety of Drawer Pulls, Hat Pins, Toilet Screws, etc., etc.

**SOLID LEATHER BUTTONS**

IN MANY DESIGNS; ANY COLOR TO MATCH COVERINGS.

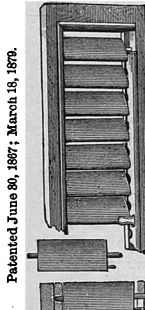
Send for Illustrated Catalogue.



**HAMMOND'S WINDOW SASH SPRINGS**, the simplest, most convenient and most durable made for supporting (when open) and locking (when closed) the sashes of windows of all sizes. In windows having weights these springs can be used as a *catch* lock, not only to lock the sashes when closed, but to lock them when open for ventilation, thus preventing the entrance of thieves. 1 set, style B, with silver-plated thumb-pieces, mailed for 20 cts. 1 set, style A, 15 cts. These are finished in Berlin bronze, and the thumb-pieces can be decorated with gold brass. Circulars with samples give the appearance of advertisements, no name will be attached to notices herein.

Manufactured by W. S. HAMMOND,  
Lewisberry, York Co., Pa.

## ACME WINDOW BLIND.



The attention is called to the advantages possessed by the ACME WINDOW BLIND over the old style of shutters, the construction of which is fully illustrated in the engraving. The slats are operated by a knob attached to a movable bead at one end, thus doing away with the unsightly center rod. The pins supporting and operating the slats are of metal, which do not shrink or swell by atmospheric changes, thus permitting a better fit and avoid all rattling. The slats can be rolled in either direction and closed so tightly that no light will be admitted. They will also remain in any position. Broken slats are easily replaced, only the screws securing the bead having to be removed. These blinds are the best and most complete inside blind manufactured, and adopted in the latest furnished dwellings of the Vanderbilts, Goleis, Stuart, Bishop, Morgan, Ruppert, Hoffman House, Progress Club, Knickerbocker apartment building, and many other modern and first-class buildings. We invite their examination by those intending to furnish.

## MORSTATT & KLATZ,

Patentees and Sole M<sup>rs</sup>,  
227 & 229 West Twenty-ninth St., near Seventh Ave., New York.

## Parquet Floors.

WM. HANNAM & CO.,  
297 FIFTH AVENUE,  
Formerly 81 East 17th St.,  
NEW YORK.

3/4 inch tongue and grooved, European styles, solid and substantial.  
Also, 1/4 inch Fancy Wood Carpet Floors.  
Book of Designs, 3 cts.



## MARQUETRY FLOORS.



**JAMES D. BRISCOL,**  
Manufacturer of  
Warranted  
Hard Wood Fancy Floors  
AND DADOS  
OF ANY DESIGN.  
Estimates furnished on application.  
37 & 41 BRISTOL ST.,  
BOSTON.

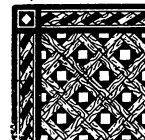
## BUTCHER'S

Boston Polish

HARD WAX

FINISH

Circular and Price List mailed on application.



## The Butcher Polish Co.

MANUFACTURERS  
Of the only suitable Finish for Hard Wood Floors. It preserves the natural color and beauty of the wood. Easily applied, cheap and durable. Put up in convenient packages, with directions.  
65 No. 17 1/2 Tremont St., Boston, Mass.  
NEW YORK OFFICE:  
9 West Fourteenth Street.

## INLAIN FLOORS,

## PARQUETRY FLOORS

AND  
Choice Designs in Marquetry  
Work executed will be guaranteed the best workmanship and durability.

F. P. HOLMES, 9 West 14th Street, New York.

## HANKINSON'S Steam Carpet Cleaning Works,

No. 15 East Twenty-seventh Street, between Fifth and Madison Aves., New York.  
No connection whatever with any other house. The "Original Hankinson" and the only One of that Name Established in this Business in 1861. Orders by mail or otherwise promptly attended to. No charge for cartage. Notify if carpets are to be taken up.

## STEAM CARPET CLEANING WORKS OF

P. FREEMAN, successor to Every & Freeman,

226 & 232 East Forty-second St., New York.

To my Friends and the Public.—Send your orders. I guarantee that all Carpets will be thoroughly cleaned and freed from moth, dust, spots and stains, and we air Carpets thoroughly. I have a reliable system for Packing Carpets for store house or the summer, and warrant them from the ravages of moth. Carpets taken up, cleaned and put down by me, also work from out of the city promptly attended to. We would respectfully announce to those having Fine Carpets to clean, that we have for a succession of years past done work for the house of Messrs. Pottier & Styms Co., to whom we refer for our responsibility and work.

## WANTED,

A situation as a First Class FURNITURE SALESMAN. Eleven years experience in a retail manufacturing house. A 1 reference. Address, SALESMAN, This Office.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

## HINTS AND NOTIONS.

To polish marble. It sometimes happens that the cabinet maker has a table top of marble to remount, which is scratched, and requires re-polishing. The following is the process used by the mason, and will, therefore, be acceptable in a work like the present. With a piece of sandstone with a very fine grit, rub the slab backward and forward, using very fine sand and water, till the marble appears equally rough, and not in scratches; next use a finer stone and finer sand, till its surface appears equally gone over; then, with fine emery powder and a piece of felt or old hat wrapped round a weight, rub till all the marks left by the former progress are worked out, and it appears with a comparative gloss on its surface. Afterward, finish the polish with putty powder and fine clean rags. As soon as the face appears of a good gloss, do not put any more powder on the rag, but rub it well, and in a short time it will appear as if fresh from the mason's hands.

Imitation amber. Of late, an imitation of amber, which cannot be distinguished from the genuine article by inspection, has made its appearance on the market. It contains copal, camphor, turpentine, and other ingredients, becomes electric by friction, and is used for manufacturing mouthpieces for pipes, cigar holders, ornaments, etc. The composition may be distinguished from genuine amber by its lower melting point, as it quickly softens and melts when laid on a hot plate, while amber requires a comparatively high heat; and further by the action of ether, which softens the imitation until it may be scraped away with the finger nail, while true amber is absolutely insoluble in cold ether.

Fine black dye. Put six pounds of chip logwood into the copper, with as many veneers as it will conveniently hold, without pressing too tight; fill it with water, and let it boil slowly for about three hours; then add half a pound of powdered verdigris, half a pound of copperas, and four ounces of bruised nut-galls; fill the copper up with vinegar as the water evaporates; let it boil gently two hours each day till the wood is dyed through.

Bronze may be renovated and recolored by mixing one part of muriatic acid and two parts of water. Free the article from all grease and dust, and apply the diluted acid with a cloth. When dry, polish with sweet oil.

To polish black marble. Wash it with warm soap and water, and when dry rub it well with furniture paste or French polish, and then rub it with an old silk handkerchief. After one or two trials it will become quite bright.

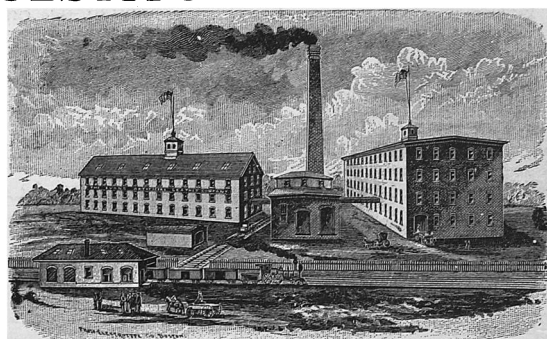
Carpets after being beaten and laid will be brightened if plentifully sprinkled with corn meal mixed with coarse salt and then sweeping it off.

## WHITE AND DECORATED

Fine French China and Best Porcelain AT LOW PRICES.

Fine White Porcelain Dinner Sets, 100 pcs. \$14 00  
Fine White French China Dinner Sets, 100 pcs 22 00  
Gold-band China Tea Sets, 44 pcs. \$5.50; white 7 50  
Richly Decorated China Tea Sets, 44 pcs. 12 00  
Decorated Chamber Sets, 10 pcs. \$4; white 3 00  
Decorated Dinner Sets, all colors and designs 20 00  
Decorated Parlor & Brass Hanging Lamps, etc 5 00  
Also ALL HOUSEFURNISHING GOODS.  
Illustrated Catalogue and Price List mailed free on application. Estimates and information furnished.  
C. L. HADLEY, 1-17 Cooper Institute, N. Y. City.  
Orders packed and placed on car or steamer free of charge. Sent C. O. D. or on receipt of Post Office Money Order.

## HAVE YOU TRIED THE IMPROVED SUBSTITUTE FOR LEATHER.



Medals received for Best Substitute for Leather at the Cincinnati and Louisville Expositions of 1883.

It is indistinguishable from real leather in nature and appearance, is manufactured in all desirable colors, is not affected by the temperature, is impervious to water, and is made in light and heavy weights so that it may be substituted for cheap as well as costly leather.

IT COSTS LESS, varying from one-third to two-thirds, according to the kind of leather it is used in place of.

It is especially adapted for UPHOLSTERING FURNITURE, for LAMBREQUINS, PORTIERES, and DECORATIVE purposes generally.

Special attention is called to our ALLIGATOR goods, being now largely used for furniture coverings, and also our NEW EMBOSSED LEATHER SUBSTITUTE in any design suitable for wall decorations, ceilings, and other purposes.

WALTER N. DOLE,  
General Agent.

EVANS ARTIFICIAL LEATHER COMPANY,

92 Pearl Street, Boston.

in sending for Samples state the purpose for which the Goods are intended.

## WESTERN ELECTRIC COMPANY,

62 to 68 CHURCH STREET,

—\*NEW-YORK\*—

227 to 251 South Clinton Street, Chicago.

## Electric Bells, Hotel and House Annunciators.

Burglar Alarms, Automatic Fire Alarms.

## ELECTRIC GAS LIGHTING FOR CHURCHES, THEATRES AND PRIVATE DWELLINGS.

Estimates on work in any part of the country furnished on application.

## FINE GRAY

IRON

CASTINGS.

JAPANNING, NICKEL-PLATING, BRONZING.

## HAIGHT & CLARK,

IRON FOUNDERS, ALBANY, N. Y.,

Manufacturers of Ornamental and Art Castings, Castings for Piano, Organ and Furniture Manufacturers.

MACHINERY CASTINGS OF EVERY DESCRIPTION.

IRON STOVE PATTERNS TAKEN FROM THE WOOD.

Correspondence Invited.

HAROLD PARKER, President.

S. L. HOLDREDGE, Treasurer.

## THE TAHANTO MANUFACTURING CO.,

42 BATTERY MARCH ST., BOSTON,

## Manufacturers of Decorative Articles in Metal.

Friezes, Panels and Dados for the Interior Decoration of Houses, Hotels, etc. Panels for Furniture from imported and original designs. Facings and Tiles for Mantel Pieces, etc. in Copper, Brass, Bronze and Silver.

Special attention is called to the reproductions from natural leaves and flowers in the panels and tiles for furniture and interiors.

Correspondence solicited and estimates furnished on application.



40 WEST 30th ST. N.Y.

## CHELSEA ART CASTINGS.

WOOD-MOSAIC FLOORS,  
GILES  
FIREPLACE LININGS,  
BRONZE PANELS  
WALL ORNAMENTS.  
DECORATIVE SPECIALTIES.



### Paneled, Fluted and Crimped SHEET IRON CEILINGS, Ornamental and Highly Attractive in Appearance. FIRE PROOF AND DURABLE.

Will not crack, stain, or fall off like plaster; will not shrink, warp, or burn like wood. Suitable for Halls, Churches, Stores and Offices. These ceilings are especially valuable for ceiling over old plaster. The plaster need not be taken off. No plaster will sift through.

**A. NORTROP & CO.,**  
MANUFACTURERS OF  
Sheet Iron Roofing and Building Materials,  
PITTSBURGH, PA.

THE  
DECORATIVE STAINED GLASS CO.  
DESIGNS FURNISHED FOR  
All Descriptions of Glass Work.  
ORDERS PROMPTLY EXECUTED.  
Nos 5 & 7 EAST FOURTH STREET,  
Near Broadway,  
NEW YORK.

SIDNEY L. SMITH,  
JOHN CAVIN,  
THOMAS WRIGHT,  
All formerly with John La Farge.

**JOSEPH PLUNKETT,**  
Successor to R. SHEPHERD,  
Importer and Manufacturer of Eng-  
lish Brass and Iron  
Bedsteads, Adjustable  
Folding Chairs, Folding  
Beds, Baby Car-  
riages, etc. Also all  
kinds of Bedding  
and Mat-  
tresses con-  
stantly on hand  
and made to  
order.  
112 West 14th Street, New York.

**REILLEY BROTHERS,**  
Manufacturers and Dealers in  
**Painters' Wood & Metal Sundries.**  
Strainers, Sanders, Work and Wall Pots (riveted  
ears), Gallon Cans, etc. Galvanized Iron Kalsome  
Pails, Size Kettles (double bottoms), Dippers,  
Tanks, Pumps, etc. Rung and Step Ladders,  
Trestles, Press Standards (Plain and Gorman's  
Patent), Swing Scaffolds, Ropes, Blocks and Irons  
(and angle). Agents for Gorman's Patent Press  
Standards. Galvanized Iron Pails, Dippers, etc.,  
for Paper Hanging Factories, a specialty.  
416 & 418 WEST FORTY-SECOND ST.,  
Near 9th Ave. Elev. R'way. NEW YORK.

If You Want the Best, Buy Only the  
Marks Improved Adjustable Folding Chair.  
Seven Articles of Furniture combined in one, and adjustable to any position  
desired, for ease and comfort.  
Seated with the Wakefield Woven Can, and Upholstered to order.  
Over 15,000 now in use.  
SEND FOR CATALOGUE AND PRICE LIST TO  
The Marks Adjustable Folding Chair Company (Limited),  
Sole Proprietors and Manufacturers,  
23 UNION SQUARE, BROADWAY, NEW YORK.



Are requested to forward plans, or  
have us call and give estimate.  
Special attention given to Wrought  
Iron Fencing, Window Guards and  
Stable Goods.  
**DAVID PETTIT & CO.,**  
Nos. 1126, 1130 & 1132 Ridge Av.,  
Old Stand of Robert Wood & Co.

The Publisher will furnish the name  
and address of the maker of goods men-  
tioned in this column. In order to avoid  
the appearance of advertisements, no name  
will be attached to notices herein.

### HINTS AND NOTIONS.

A pretty ornament for the narrow spaces  
between the casings of the bay-window may  
be made with a little assistance from the carpen-  
ter. A thin, smooth, pretty board of any light  
wood, about four feet long and as many inches  
in width, is slightly rounded at the ends, which  
are provided with holes to slip over the fancy  
tipped nails that are to support it on the wall.  
Paint on this board with water colors, and in  
Japanese style, a straggling vine of spray of  
flowers. It is then fitted with two brackets of  
the same wood, one being placed about a foot  
from the bottom of the board, the other half  
way between the first and the top.

The following is a crimson stain that is  
frequently used for decorative woods for musical  
instruments: Ground Brazil wood one  
pound, water three quarts, cochineal half an  
ounce; boil the Brazil wood with water for an  
hour, strain, add the cochineal, boil gently for  
half an hour, when it will be fit for use. This  
is first applied, and then the varnish, consisting  
of rectified spirits of wine half a gallon, six  
ounces of gum sandarac, three ounces of gum  
mastic, and half a pint of turpentine varnish;  
put the above into a tin can by the stove, fre-  
quently shaking till well dissolved; strain, and  
keep for use. If it is harder than is wished,  
thin with more turpentine varnish.

Ink stains may be removed from colored  
table covers by dissolving a teaspoonful of  
oxalic acid in a teaspoonful of hot water, and  
rubbing the stained part well with the solu-  
tion. Ink stains may be taken out of anything  
white by simply putting a little powdered salts  
of lemon and cold water on the stain, allowing  
it to remain about five minutes, and then wash-  
ing it out with soap and water, when the stains  
will disappear.

To polish slate floors, use a smooth, flat  
piece of pumice stone, then polish with rotten  
stone. Washing well with soap and water once  
a week is usually enough to keep the slates  
clean, but by adopting the above method, not  
only do the slates become polished, but any  
stains are taken out.

Kerosene will soften boots or shoes which  
have been hardened by water, and render them  
as pliable as new. Kerosene will make tin tea-  
kettles as bright as new. Saturate a woolen  
rag and rub with it. It will also remove stains  
from clean varnished furniture.

Soiled marble may be cleaned by coating  
it (after brushing off the dust) with thick mu-  
cilage and allowing the wind or sun to dry it.  
Shortly it will peel off and bring the dirt with  
it. A second or third application may be  
necessary.

Glue that is delicate for mounting ferns  
and sea weeds is made of five parts gum-arabic,  
three parts white sugar, two parts starch, and  
a very little water. Boil until thick and white.

Hearths of gray marble may be cleaned by  
rubbing them with linseed oil.

**TIRRILL'S  
EQUALIZING GAS MACHINE,**  
For making standard uniform Gas instantly  
without fire, danger, smoke or smell,  
USING PLAIN BAYING BURNERS.  
SEND FOR CIRCULAR.  
O. TIRRILL, 39 Dey St., New York.

## Special Food for the Brain and Nerves.

Composed of the Nerve Giving Principles of the Ox Brain and Wheat Germ.

### VITALIZED PHOSPHITES.

This is a Standard Preparation with all Physicians who treat Nervous or Mental Disorders. For  
twelve years its careful chemical composition has been superintended by a Professor of Materia  
Medica and Chemistry, and its correct analysis vouched for by a Professor of Chemistry and Tech-  
nology. It is the only Vital Phosphate known; other preparations of Phosphorus are laboratory  
compounds. Formula on every label.

It is used for the cure of all nervous troubles, restoring the vigor  
lost by overwork, anxiety, worry, sleeplessness, pain or debility.  
It aids in the bodily and wonderfully in the mental growth of children.  
IT IS A PREVENTIVE OF CONSUMPTION AND A POSITIVE CURE FOR NIGHT SWEATS.

F. CROSBY CO., No. 56 West 25th Street, New York.

For Sale by Druggists, or sent by Mail, \$1.

**Clover Leaf Ventilators & Chimney Caps**  
FOR VENTILATING PUBLIC AND PRIVATE BUILDINGS, RAILROAD CARS,  
SOIL AND WATER PIPES AND WATER CLOSURES.  
**SMOKY CHIMNEYS CURED,**  
Stationary, Durable, Noiseless, Storm Proof and Cheap.  
MANUFACTURED AND FOR SALE BY  
**E. VAN NOORDEN & CO.,**  
387 Harrison Avenue, Boston, Mass.  
M. M. MURPHY & CO., CLEVELAND, OHIO.  
JAMES B. SCOTT & CO., PITTSBURGH, PA.  
PECK BROTHERS & CO., N. Y. CITY AND NEW HAVEN, CONN.  
A. MOLLO, 87 ROYAL STREET, NEW ORLEANS, LA.  
DETROIT LEAD PIPE AND SHEET LEAD WORKS, DETROIT, MICH.  
REUTER & MALLORY, BALTIMORE, MD.  
PIERCE, BUTLER & PIERCE, SYRACUSE, N. Y.

**Metallic Ventilating Skylights,**  
Guaranteed absolutely weather, storm, fire and  
condensation proof.



Galvanized Iron Cornices, Window Caps, Corrugated Iron Buildings, Fire Escapes, etc.  
SEND FOR ILLUSTRATED CIRCULARS.



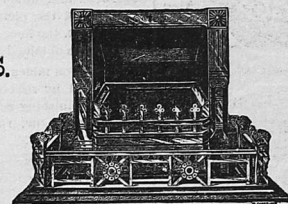
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FURNACES,  
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**The World  
Electro Radiant MAGIC LANTERN**  
The body of the Electro Radiant is a conchoidal reflector  
for which gathers each divergent ray of light and concentrates  
them all on the main reflector, whence the whole mass of brilliancy  
illuminates and projects the picture with startling clearness. No  
combination of lenses, however ingenious, has ever been known to  
produce equal effects with the light used. The cost of an outfit to enable  
you to do a profitable business is small compared with the amount  
of money it takes to do any other business. Any one ordinary intelli-  
gence can operate it, and \$10 to \$50 per night may be earned by giving  
it. Parlor, Sunday School, Academy or Public entertainments. For  
Public Entertainments, the possessor of an Electro Radiant  
has something that will "draw" with the combined power of the  
Theatre, the Circus, the Prestidigitator, the Country Fair, the  
Temperance Crusade, and the Camp Meeting. A room that  
will hold 100 persons may be filled nightly and a good profit be cleared.  
You have only to take the sheet to the wall, darken the room, place  
Lantern on stand, light lamp, and you are ready to begin the exhibition.  
The Electro Radiant projects on the screen a Picture  
eight feet in diameter. \$10.00 were paid for the use  
of our Patent by Railroad Companies for Locomotive Headlights,  
it being considered the most wonderful light ever produced for the pur-  
pose. We have retained the exclusive right to make Magic Lanterns  
on the same principle, and the Electro Radiant  
is the result. The adjustment of Reflector,  
Lenses, Tubes, Slide, Rest and Cone are made  
with mathematical nicety. Optical laws govern-  
ing such adjustments have been  
accurately calculated, so that you

**\$25  
LANTERN  
For \$12**

have in our Lanterns far more than appears,  
and we are placing within the reach of all, un-  
surpassed advantages for **Learning,  
Amusement and Profit.** The transparent  
slides for these Lanterns Subjects views illustrating  
wonderful natural scenes from different parts of  
the world. The Scripture Subjects from both the old  
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without number. You can add to your assortment at  
any time. Lantern with slides complete, packed in  
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Electro Radiant No. 2 (shown in cut with  
slides and tubes) complete will be sent by express  
on receipt of \$12.00 or C. O. D. \$13.00  
is sent with order, purchase price, \$9.00 at express office. Full instruc-  
tions and list of other views sent with each  
Lantern. Send money order or registered letter, send all orders to  
**World Man'g Co. 122 Nassau Street, New York**

**PATENTED  
Perfection  
at the  
LOWEST  
PRICE**

\$10 to \$50 easily made  
EVERY NIGHT.

This Lantern can be made very profitable at Church Fairs and  
Sunday School Entertainments, and a large amount of cash real-  
ized at a very small outlay.



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DESIGNER AND ARTIST IN  
Fresco Decorations,  
896 BROADWAY, ROOM 10,  
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Established since 1848.

**JOHN LAW,**  
Decorative and Plain Painter,  
PAPER HANGINGS, ETC.  
Designs and Estimates Furnished.  
1679 BROADWAY,  
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**VANDERBEEK BROTHERS,**  
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PLAIN PAINTING, PAPER HANGERS.  
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BRONZE POWDERS,  
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FLITTERS  
LEAF OF ALL  
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INCLUDING  
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**Artistic Metal Work.**  
Architects Designs followed in Wrought  
Iron, Copper or Brass.  
HINGES, DRAWER HANDLES,  
NEWEL LAMPS, ETC., MADE TO ORDER.  
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NEW YORK.

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#### HINTS AND NOTIONS.

A few years ago a clergyman, who was an archaeologist, visited an ancient village church. On entering, he saw in the midst of it a man, who was on his knees, bowing low and facing the altar. The clergyman, of course, thought he had lighted on an instance of religious fervor, and that, moreover, expressed in an unexceptionable manner, an instance which was highly exemplary, especially in these degenerate days. But, on getting a closer view of the being in the reverential attitude and in the eastward position, the clergyman found, to his horror, that the supposed devotee was earnestly and vigorously wrenching out of the stone floor a fine old brass, and in doing so knocking it to pieces. The surprised and grieved beholder exclaimed, with some excitement: "What are you about?" Without looking up and without desisting one moment, the rustic—a workman employed there—quietly answered: "We be a-restoring."—*London Times*.

For sizing a Brussels rug so that it will keep down well, *The Carpet Trade and Review*, gives the following directions: Apply to the back of the rug a flour paste, well salted to prevent molding, and then press down snugly into it a linen hack. The edges of the rug and linen are then hemmed, and the milres of the border on the rug are always bound on the back. The rug and back are also sewed together, here and there, as in a mattress. Sometimes glue is used for size instead of paste. Before the size is applied the rug should be tacked face down on the floor and allowed to remain there undisturbed several days until perfectly dry.

Mr. Oscar Wilde's new house is in that quarter of old Chelsea beloved by Carlyle and Rossetti, and bids fair to be a practical illustration of the lectures on "The House Beautiful." There are rumors of an eastern apartment, and the Cairo galleries at Great Pulteney Street have been laid under contribution for choice examples of the picturesque "Meashrebeyeh" screen work, the finer specimens of which can now only be obtained with difficulty.

Stains on tables caused by hot dishes may be removed by rubbing with lamp oil and a soft cloth, finishing with a little spirit of wine or eau-de-cologne, rubbed dry with another cloth.

Turpentine (a spoonful) bottled with white clothes will help the whitening very materially.

Patent leather shoes may be kept from cracking by slightly warming before putting on.

To clean red brick floors, rub them with a brick moistened with a little warm milk and water, and wipe them dry with a soft cloth.

Carbolic soap used for scrubbing and cleaning will keep off all manner of insects.

#### Artistic Furnishing.

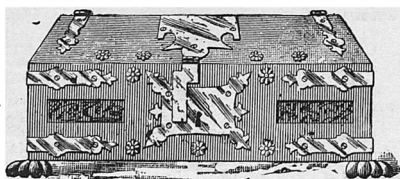
The author of "How to FURNISH A HOME," published by D. Appleton & Co., having received frequent requests through her book to superintend the furnishing of houses, is now prepared to furnish artistically, according to style of house, from the simple cottage to the more imposing mansion. Especial advantages for the selection and purchase of pictures, bric-a-brac, pianos and parlor organs, whether separate from or in connection with other furnishing. Tasteful furnishing, with original designs and combinations, on a moderate expenditure; goods safely despatched to any distance. For terms, references, etc., Address, HOME, P. O. Box 82, Brooklyn, N. Y.

**CHARLES KEICHER,**

Artist and Decorator in Fresco

No. 410 WEST 40th STREET,

Between 9th and 10th Aves. NEW YORK.



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Corner of Fulton and William Streets,  
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MANUFACTURERS OF  
**ARTISTS' MATERIALS.**  
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**READY MIXED PAINTS**  
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**COLORS, VARNISHES AND FINE BRUSHES**

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A room decorated with Solid Relief can be seen at the Casino, Central Park

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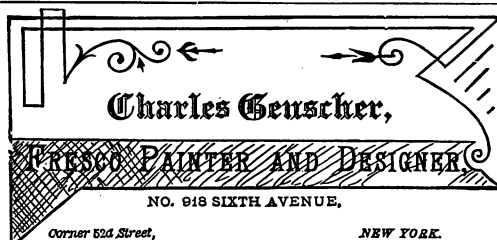
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Prepared Gypsum  
For Whitening and Coloring  
Stores, Dwellings, Churches,  
Mills, Hotels, Barns, or for  
any purpose where whitewash  
or kalsomine is used;  
A Beautiful,  
Durable,  
and Cheap  
wash for the wall, outside or  
inside; it will be good for  
years if kept covered with  
water. It is smooth, like  
paint. For use, reduce with  
water quite thin, and apply  
with kalsomine brush.  
**JOHN MAXWELL,**  
606 to 610 Washington Ave.,  
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**TITSINK & PHILLIPS,**  
MANUFACTURERS OF  
**Bronzes and Artistic Glass**  
Fixtures.  
SPECIAL WORK FURNISHED FROM PRIVATE DESIGNS.  
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No. 99 and 101 Public Square,  
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Stained, Enameled, Embossed and Cut Glass  
Memorial Windows and Domestic Work of every kind  
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Buildings, Stores and Dwellings Cleaned and  
Disinfected. Woodwork, Furniture and Floors  
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Store Windows and Show Cases Put in perfect  
condition. All kinds of House Cleaning and Ren-  
ovating promptly done.

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and address of the maker of goods men-  
tioned in this column. In order to avoid  
the appearance of advertisements, no name  
will be attached to notices herein.

### HINTS AND NOTIONS.

A great change has certainly taken place  
in church decoration in New York within ten  
years, and what is true in the city is true also  
of the country at large, which copies what is  
done there. The hard, stiff lines of forty years  
ago have long since been passed. All forms of  
church decoration are now in demand. Very  
little is done without precedent from periods  
in early Christian history to that of the last  
century. Dr. Paxton's church, in West 42d  
street, has been changed, putting in what the  
*Tribune* recently styled "private boxes." But  
they are nothing more than the old English  
pews such as you may see in the illustrations  
in some of Dickens' novels. The purpose in  
view in this case is a practical one, that of  
making the galleries, in which it is so difficult  
to make people sit, more attractive, and thus  
increase the seating capacity of the church.—  
*The Builder.*

Tripod bamboo frames are now utilized  
for work-baskets. They can be obtained either  
in light or dark wood, and so arranged that  
they can be opened or closed at will. When  
opened, they are kept in place by a triangle  
piece, made of metal, which fits in at lower  
part of sticks; this gives open space at top.  
In this space is suspended the little work-bas-  
ket by ribbons or cord. It is exceedingly  
pretty to embroider a dainty silk bag, trim with  
lace and full bows instead of using the basket.  
The bag need not be removed when you wish  
to fold for packing in trunk.

Rust upon steel may be removed by  
covering the rusted part with oil or fat, letting  
it remain three hours and wipe off with a  
cloth; take two drachms caustic potash and  
four ounces opodeldoc, rub on the mixture and  
let it remain ten minutes, rub off dry with  
cloth. Or cover the rusted part with sweet oil,  
well rub in, and next day cover with finely  
powdered unslaked lime, and polish with this  
until the rust disappears. Or take half an  
ounce of emery powder, one ounce of soft  
soap mixed, and rub well.

To varnish carved work when it cannot  
be polished, dissolve one ounce and a half of  
benzoin in eight ounces of wood naphtha, with  
two ounces of shellac and two ounces of gum  
sandara; dissolve in bottle placed in hot  
water, shake frequently.

To write in silver. Mix one ounce of the  
finest pewter of block tin and two ounces of  
quicksilver together till both become fluid,  
then grind it with gum water and write with it.  
The writing will then look as if done with  
silver.

Gold varnish for metal or wood is made  
by taking two ounces gum sandara, one ounce  
litharge of gold, and four ounces clarified lin  
seed oil; boil in a glazed earthen vessel until  
they appear of a transparent yellow color.

Varnish for drawings. Take some clean  
parchment cuttings and boil with water in a  
glazed pipkin until they produce a very clean  
size, then keep for use.

Straw matting may be cleaned with a  
large coarse cloth dipped in salt and water and  
then wiped dry. The salt prevents the matting  
turning yellow.

Satin wood stain is made by grinding raw  
sienna in water, adding dust of burnt sienna,  
lowered with whiting and varnish.

Tin ware after being cleansed and wiped  
dry should be placed near the fire. This will  
keep it from rust.

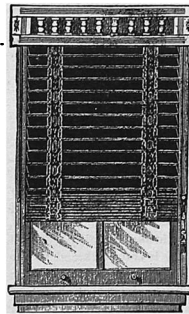
Oil paintings hung over the mantel piece  
are liable to wrinkle with the heat.

**J. T. SMITH & CO.,**  
Manufacturers of Novelties in  
**Bullion, Fancy & Chenille Fringes**  
BORDERS, GALLONS, GIMPS, CORDS, TASSELS,  
ETC., ETC.,  
108 & 107 East Thirteenth St.,  
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**H. STEFAN,**  
UPHOLSTERER  
AND  
Interior Decorator  
171½ TREMONT ST.,  
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All orders in the city or  
country promptly attended  
to in person.



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**Venetian Blinds,**  
Of all sizes, kinds and qualities, Upholstered in the best manner and  
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COLOR, OLIVE, SAGE OIL BOTTLE GREENS,  
In Light, Medium, or Dark Tints, or made of Natural Woods, such as Black  
Walnut, Chestnut, Cherry, Spanish Cedar, Mahogany, Maple, Cypress,  
Ash or Poplar, in either Varnish or Oil Finish.  
Made of Slats, 1¼, 1½, 1¾, 2 or 2½ inches wide, with Linen, Worsted or  
Silk Trimmings.  
These Blinds will fit any window, without alteration to window frames,  
and are much better and cheaper for Bay Windows than inside shutters.  
Used and recommended by the leading Architects of the country.  
When estimates are desired, please give exact size of sash (or sash openings).  
Illustrated Circular on application. Please mention this paper.  
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Orders from the country will find prompt attention. Send for Price List.

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**ARTISTS IN ORIGINAL FRESCO DESIGNS,**  
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In receipt and constantly on hand the latest and choicest designs in  
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**DECORATING MACHINE CO**  
Manufacturers of  
**FINE CARVINGS**  
IN  
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CHURCHES & DWELLINGS.  
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**Roman Mosaic, Art Pottery.**  
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HOUSEHOLD WORK. NEW DESIGNS.

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**Stained Glass and Metal Works,**  
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Designs and Prices sent on application.

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**HINTS AND NOTIONS.**

Horace Vernet's method of painting consisted in mixing the colors with olive oil. When the picture is painted the back of the canvas is covered with a coating of Fuller's earth, which draws the oil through and absorbs it entirely. The painting is thus reduced to the nature of a paste. The Fuller's earth is then removed from the canvas, and a coat of linseed oil is applied (also at back), the colors in their turn imbibe this oil and all the mellowed tones of the old masters are obtained.

Gold powder for gilding may be prepared by putting into an earthen mortar some gold leaf with a little honey or thick gum water and grinding the mixture till the gold is reduced to extremely minute particles. When this is done, a little warm water will wash out the honey or gum, leaving the gold behind.

To clean glass, bottles, decanters, etc., brightly, break a few raw egg shells in the article to be cleaned, with a little cold water—if greasy, warm water—and a little soda; shake well, rinse with plenty of cold water, and the objects will shine as nothing else will make them.

For dining-rooms English oak and dark mahogany are the chosen woods; the wood work of the room should match that of the furniture; the dining table is now square cornered and of severe style, as all ornament upon it is concealed by the rich cloth of plush with tapestry border.

A substitute for wall paper has been found in tin foil which is stamped and printed with the designs desired by some patented process. The tin foil is in sheets, thickness of ordinary paper, pliable and waterproof. It is varnished and in every way is artistic.

To clean oil cloth do not scrub with a brush, but after sweeping clean by washing with a large soft cloth and lukewarm or cold water. On no account use soap or hot water, as either will take off the paint.

Beautiful & Lasting for ORNAMENTING WINDOWS, DOORS, TRANSOMS, &c.

**Stained Glass SUBSTITUTE**  
AT SMALL COST. Send for Illustrated Catalogue and Prices. Samples by mail 25 cents.  
**W. C. YOUNG** PHILADELPHIA, PA.  
\*AGENTS WANTED EVERYWHERE.\*

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**Bronze and Brass Tiles**  
FOR  
**MANTEL FACINGS.**  
MANUFACTURED BY

**The Williamson Art Metal Works,**  
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**Star Encaustic Tile Company,**  
(LIMITED).  
Office, 90 FOURTH AVE., PITTSBURGH, PA.  
MANUFACTURERS OF ALL DESIGNS AND COLORS OF  
**Plain and Encaustic Flooring Tile**  
For Floors, Halls, Hearths, Vestibules, and all Public and Private Buildings.  
Quality warranted equal to the best Imported Tile.

**THOMAS G. AICKIN,**  
MANUFACTURER OF  
**Stained, Enameled, Embossed and Cut Glass,**  
IN EVERY STYLE OF THE ART, MODERN AND ANTIQUE,  
For Public and Private Buildings  
Designs furnished for Memorial, Heraldic and Figure Windows.  
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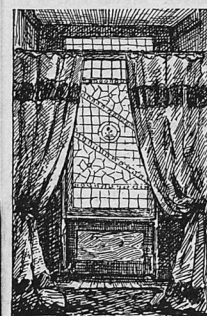


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**HINTS AND NOTIONS.**

Color in decoration. Green is a favorite color in decoration, and reasonably so, for nature tells us that green is the most soothing color to the sense, and less trying to the optic nerves than reds or yellows. Between blue and green there are an endless variety of tints, and some of the most pleasing effects in decoration are those in which blue and green run into the other. In these effects the blue should partake of the green and the green of the blue, colors of which we have heard rather much during the past few years. Of course it is not necessary to touch blue in our scheme, as we can confine ourselves to tones of brown green, gray green, yellow, and blue green. Variety in these cases is obtained by varying the weight of color more than the tone. We can make the wall space light, the dado somewhat darker, and the wood work darker still, for it is a pretty safe general rule to emphasize the constructive details with strong color.

In all mixtures of color there should be a preponderance of one of the primaries. In the case of greens, for instance, there should be an excess of yellows in the warm greens, of blue in the gray greens, and some red in the dark greens. Equal proportions (not in bulk but in value) of blue and yellow produce a crude green. An excess either way will give a more agreeable color.

The effect of colors on the nerves should never be lost sight of, and should guide the decorator in his decision as to the tone of color to be adopted. He must study the idiosyncrasy of his client, for there are some people who have a strong predilection for one color, and this caprice must be taken into account in conjunction with the aspect of the room and the purposes to which it is to be applied.

Bright spots of color, if it be thought desirable to introduce them, can be brought into a decorative scheme by means of painted panels, stencilling, and hand painting. Bright color is suitable if sparingly used on a background of some quiet color.

A color is crude when it is principally bright, and gives a feeling of unrest to the sense. An harmonious color, on the other hand, gives a feeling of repose so essential in the every-day surroundings of our homes. The rooms we live in form the background to our lives, and should consequently be unobtrusive, and, at the same time, agreeable and pleasure-giving. For all practical purposes the nearer a tint approaches to a primary color the less suitable it is to decorative requirements. But though a color may be very low in tone, it by no means follows that it should be dark. This was the mistake made a few years since, presumably as a protest against the vulgarity of the color employed in the decoration of a generation ago. The color in rooms was made unnecessarily dark and gloomy. A color can just as easily be light and harmonious as dark and dull. A gloomy color is always to be avoided, owing to its depressing influence; light and sunny color, on the contrary, is cheerful and

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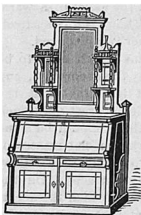
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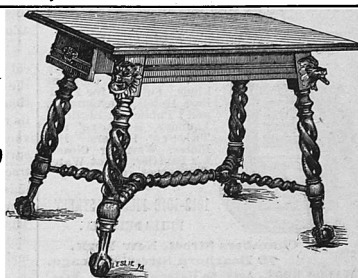
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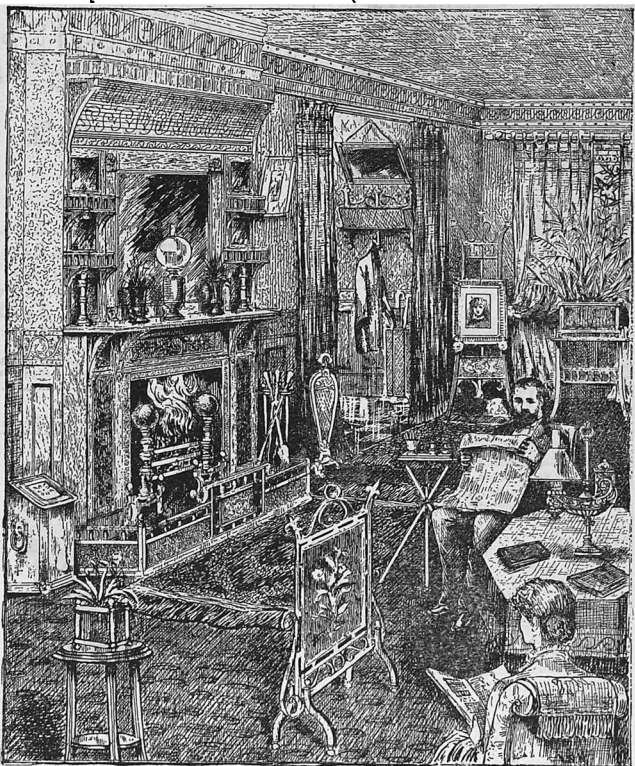
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## HINTS AND NOTIONS.

exhilarating. A color need not be yellow to be "sunny," for one can get the effect of a warm light in all one's color without the color itself consisting of tones of either yellow or red.

There are many rooms which have to be made to look furnished by the decoration, and in these cases it is most important that the decoration should be quite correct. In such cases it is very desirable there should be some stenciling, or brush work, for flat masses of color want "breaking up" and relieving by ornament or other richer surfaces. On the other hand there are rooms in which the decoration plays an insignificant part, owing to the number of the pictures and other accessories adorning the walls, etc. All these considerations and many others that will occur to every decorator from time to time, must be noted and taken into account before he commits himself to any definite scheme; but his first consideration, when he has satisfied himself on all these practical points, is the color of his decoration.—*Furniture Gazette.*

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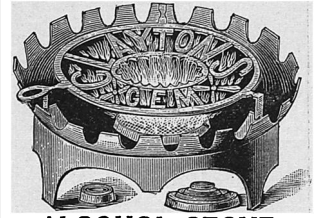
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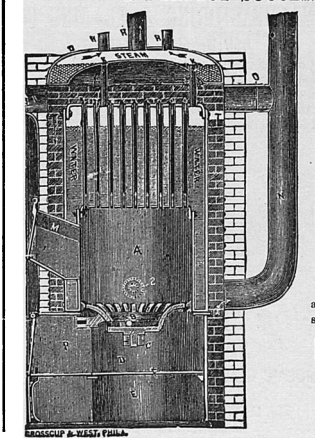
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